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PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 30435.69USD2  
First Inventor Robert E. Reiter  
Title PSCA: Prostate Stem Cell Antigen  
And Uses Thereof  
Express Mail Label No. ET614793774US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 148]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 79]
5. Oath or Declaration [Total Pages 12]
  - a. ☐ Newly executed (original or copy)
  - b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 [Copies of IDS Citations]
13. ☒ Preliminary Amendment
14. ☐ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP)

of prior application No. 09, 564,329

Prior application information:

Examiner L. Helms

Group Art Unit:

1642

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label

26,941

or ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

626-395-7801

Fax

626-395-0694

Name (Print/Type)

Sarah B. Adriano

Registration No. (Attorney/Agent)

34,470

Signature

Sarah B. Adriano

Date

May 14, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 373.00)

## C mplete if Known

Application Number	Not Yet Known
Filing Date	May 14, 2001
First Named Inventor	Robert E. Reiter
Examiner Name	Larry Helms
Group Art Unit	1642
Attorney Docket No.	30435.69USD2

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

50-0306

Deposit  
Account  
Name

Mandel &amp; Adriano

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☒ Payment Enclosed:

- ☒ Check ☐ Credit card ☐ Money  
Order ☐ Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$)

101	710	201	355	Utility filing fee	355
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 355.00)

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
22	20** = 2	9.00	18.00
1	3** = 0	40.00	0.00
Multiple Dependent			

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$)

103	18	203	9	Claims in excess of 20	
102	80	202	40	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim, if not paid	
109	80	209	40	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2)

(\$ 18.00)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee Code	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	30	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify) _____					

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

## SUBMITTED BY

Name (Print/Type)

Sarah B. Adriano

Registration No.  
(Attorney/Agent)

34,470

## Complete (if applicable)

Telephone

626-395-7801

Signature

Sarah B. Adriano

Date

May 14, 2001

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. TO: Assistant Commissioner for Patents, Washington, DC 20231.

05/14/01  
11003 U.S. PTO

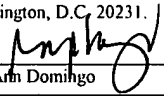
05-15-01  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

A

BUCKET NUMBER	ANTICIPATED CLASSIFICATION OF THIS APPLICATION:		PRIOR APPLICATION	
	CLASS	SUBCLASS	EXAMINER	ART UNIT
30435.69USD2	unknown	Unknown	L. Helms	1642

**CERTIFICATE UNDER 37 CFR 1.10:**  
"Express Mail" mailing label number: ET614793774US  
Date of Deposit: May 14, 2001

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, D.C. 20231.

By:   
Name: Richelle Ann Domingo

11003 U.S. PTO  
09/854811  
05/14/01

**DIVISIONAL APPLICATION UNDER 37 C.F.R. § 1.53(b)**

Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

This is a request for filing a divisional application under 37 CFR § 1.53(b) of Serial No. 09/564,329, filed on May 3, 2000 entitled PSCA: PROSTATE STEM CELL ANTIGEN AND USES THEREOF by the following inventor(s):

Full Name Of Inventor	Family Name	First Given Name	Second Given Name
	Reiter	Robert	E.
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	Los Angeles	California	US
Post Office Address	Post Office Address	City	State & Zip Code/Country
	10511 Kinnard Avenue	Los Angeles	California 90024-6017/USA
Full Name Of Inventor	Family Name	First Given Name	Second Given Name
	Witte	Owen	N.
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	Sherman Oaks	California	US
Post Office Address	Post Office Address	City	State & Zip Code/Country
	14727 Sutton Street	Sherman Oaks	California 91403/USA
Full Name Of Inventor	Family Name	First Given Name	Second Given Name
	Saffran	Douglas	C.
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	Los Angeles	California	Canada
Post Office Address	Post Office Address	City	State & Zip Code/Country
	11720 Bellagio Road #204	Los Angeles	California 90049/USA
Full Name Of Inventor	Family Name	First Given Name	Second Given Name
	Jakobovits	Aya	
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	Beverly Hills	California	US
Post Office Address	Post Office Address	City	State & Zip Code/Country
	3135 Hutton Avenue	Beverly Hills	California 90210/USA

1. ☒ Enclosed is a true and correct copy of the prior application; including the specification, claims, drawings, oath or declaration showing the applicant's signature, and any amendments referred to in the oath or declaration filed to complete the prior application. (It is noted that no amendments referred to in the oath or declaration filed to

complete the prior application introduced new matter therein.) The copy of the prior application is as follows: 141 pages of specification, 305 claims, 1 pages of abstract, 79 sheets of drawings, and 12 pages of oath or declaration.

2. ☒ Cancel in this application original claims 2-52 of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
3. ☒ The filing fee is calculated below:

**CLAIMS AS FILED**

NUMBER FILED	NUMBER EXTRA		RATE	FEE
<b>TOTAL CLAIMS:</b> 22 -20	2	x	\$18.00	\$18.00
<b>INDEPENDENT CLAIMS</b> 1 -3	0	x	\$40.00	\$0.00
			<b>BASIC FILING FEE:</b>	<b>\$355.00</b>
			<b>TOTAL FILING FEE:</b>	<b>\$373.00</b>

☐ A Verified Statement that this filing is by a small entity is already filed in the prior application.

☐ A Verified Statement that this filing is by a small entity is attached.

☒ Payment of fees:

☒ Attached is a check in the amount of \$373.00.

☐ Please charge Deposit Account No. 50-0306.

☒ The Commissioner is hereby authorized to charge any additional fees as set forth in 37 CFR §§ 1.16 to 1.18 which may be required by this paper or credit any overpayment to Account No. 50-0306.

☒ Amend the specification by inserting before the first line the sentence:

"This is a Divisional of application Serial No. 09/564,329 filed May 3, 2000, which is a CIP of U.S. Serial No. 09/359,326 filed July 20, 1999, which is a CIP of U.S. Serial No. 09/318,503 filed May 25, 1999, which is a CIP of U.S. Serial No. 09/203,939 filed December 2, 1998, which is a CIP of U.S. Serial No. 09/038,261 filed March 10, 1998, claiming the priority of provisional applications, U.S. Serial No. 60/228,816 filed March 10, 1997; U.S. Serial No. 60/071,141 filed January 12, 1998 and U.S. Serial No. 60/074,675 filed February 13, 1998. This application further claims the benefit of the filing dates of U.S. Serial No. 60/113,230 filed December 21, 1998, U.S. Serial No. 60/120,536 filed February 17, 1999 and U.S. Serial No. 60/124,658 filed March 16, 1999. The contents of all the foregoing applications are incorporated by reference in to the present application."

7. ☐ A set of formal drawings (\_\_\_\_ sheets) is enclosed.

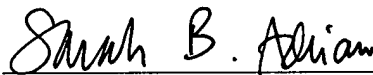
8. ☐ Priority of application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_ in \_\_\_\_\_, is claimed under 35 U.S.C. 119.

☐ The certified copy has been filed in prior application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.

9. ☒ The prior application is assigned of record to The Regents of the University of California.

10. ☒ The Power of Attorney in the prior application is to:
- Mandel & Adriano  
35 N. Arroyo Parkway, Suite 60  
Pasadena, California 91103
11. ☒ A preliminary amendment is enclosed. (Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)
- ☒ Fee for excess claims is attached.
12. ☐ A petition and fee has been filed to extend the term in the prior application until \_\_\_\_\_. A copy of the petition for extension of time in the prior application is attached.
13. ☐ The inventor(s) in this application are less than those named in the prior application and it is requested that the following inventors identified above for the prior application be deleted:
14. ☐ Also Enclosed:
15. ☒ Address all future communications to the **Attention of Sarah B. Adriano** (may only be completed by attorney or agent of record) at the address below.
16. ☒ A return postcard is enclosed.

Respectfully submitted,



Sarah B. Adriano  
Attorney for Applicants  
Mandel & Adriano  
35 No. Arroyo Parkway, Suite 60  
Pasadena, California 91103  
626/395-7801  
Customer No. 26,941